

REMARKS

Claims 1-15 remain in the application for consideration of the Examiner with Claims 16-26 standing cancelled.

Reconsideration and withdrawal of the outstanding rejections and objections are respectfully requested in light of the above amendments and following remarks.

The Abstract of the disclosure was objected to.

By the instant amendment, the original Abstract has been cancelled and a substitute Abstract has been provided.

It is respectfully submitted that the new Abstract as taken into consideration the concerns of the Examiner.

The drawings were objected to.

By separate letter, a proposed drawing correction for Figure 2 has been provided.

It is respectfully submitted that the proposed drawing correction obviates the objection to the drawings.

Claims 11, 12, and 16 were objected to because of informalities.

By the instant amendment, Claims 11 and 12 have been amended to take into consideration the helpful comments of the Examiner.

Claim 16 has been cancelled.

It is respectfully submitted that Claims 1-15 are free from informalities.

Claims 1-26 were objected under 35 U.S.C. § 112, second paragraph, as being indefinite.

By the instant amendment, Claim 1 has been amended to take into consideration the helpful comments of the Examiner.

However, this rejection is traversed in part.

The Examiner alleges that it can not be determined what is meant by 'voltage regulator'.

However, the Examiner's attention is directed to page 5, line 16 and Figure 2 of the instant specification where this element of this aspect of the present invention is described.

It is respectfully submitted that Claims 1-15 are in full compliance with 35 U.S.C. § 112 and particularly points out and distinctly claims the subject matter which Applicants believe is their invention.

Claims 1, 2, 13-15, and 17 were rejected under 35 U.S.C. § 102(b) as being anticipated by Urakawa; Claims 17-24 were rejected under 35 U.S.C. § 102(b) as being anticipated by Thompson; and Claims 3-12, 16, and 24-26 were objected under 35 U.S.C. § 103 as being unpatentable over Urakawa.

These rejections are respectfully traversed.

The cancellation of Claims 17-24 obviates the rejection under Thompson.

It is respectfully submitted that Urakawa does not disclose or suggest the presently claimed invention including a differential first pair of transistor to input a differential signal and a current switch coupled to the second pair of nodes to steer current based on the polarity of the first pair of input nodes.

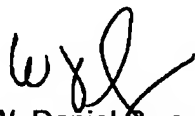
Urakawa discloses a single input A to transistor Q1.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



W. Daniel Swayze, Jr.
Attorney for Applicant
Reg. No. 34,478

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5633